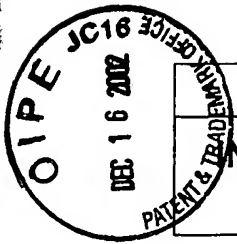


1723



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE	
INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	
Atty. Docket No. TEX1100	
Applicant: Ryza et al.	
Application Number: 10/063,049	Filed: March 14, 2002
For: PROCESS AND APPARATUS FOR REMOVING CONTAMINANT FROM A SUBSTRATE	
Group Art Unit 1723	Examiner Unknown
<div><p align="center"><u>Certification Under 37 C.F.R. §1.8</u></p><p>I hereby certify that the documents listed below are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on <u>December 10, 2002</u>.</p><p align="center"> Carolyn Williams</p></div>	

DEC 17 2002  
TC 1700

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Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of the art is enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. §§ 1.97(g) and (h), no representation is made that a search has been made or that this art is material to patentability of the present application.

While Applicants believe no fees are due, if any fees are due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich LLP.

Applicants respectfully submit that the claims of Applicants' above-referenced patent application are patentably distinguishable from these references.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP  
Attorneys for Applicant  
  
George R. Meyer  
Registration No. 35,284

Date: 12/9, 2002

1221 S. MoPac Expressway, Suite 400  
Austin, Texas 78746  
Tel. (512) 457-7093  
Fax. (512) 457-7001

**FORM PTO 1449 US Department of  
Commerce  
Patent and Trademark Office**

Application Number 10/063,049

Filing Date March 14, 2002

First Named Inventor Ryza et al.

Group Art Unit 1723

Examiner Name Unknown

Sheet 1 of 2

Attorney Docket Number TEX1100

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code (if known)		
	A1	5013366	--	05/07/91	Jackson et al.
	A2	6277753	B1	08/21/01	Mullee et al.
	A3	6331487	B2	12/18/01	Koch
	A4	20010008800	A1	07/19/01	Koch
	A5	6306564	B1	10/23/01	Mullee
	A6	6224774	B1	05/01/01	DeSimone et al.
	A7	5377705	--	01/03/95	Smith, et al.
	A8	5944996	--	08/31/99	DeSimone et al.
	A9	6067728	--	05/30/00	Farmer et al.
	A10	6286231	--	09/11/01	Bergman et al.
	A11	6024801	--	02/15/00	Wallace et al.
	A12	6225995	B1	05/01/01	Jacobs et al.
	A13	5772902	--	06/30/98	Reed et al.
	A14	5976264	--	11/02/99	McCullough et al.
	A15	5866005	--	02/02/99	DeSimone et al.
	A16	5783082	--	07/21/98	DeSimone et al.
	A17	5316591	--	05/31/94	Chao et al.
	A18	5306350	--	04/26/94	Hoy et al.
	A19	5908510	--	06/01/99	McCullough et al.
	A20	5215592	--	06/01/93	Jackson
	A21	6033993	--	03/07/00	Love, Jr. et al.
	A22	5875564	--	03/02/99	Kirkbir et al.
	A23	5868856	--	02/09/99	Douglas et al.
	A24	5665527	--	09/09/97	Allen et al.
	A25	4944837	--	07/31/90	Nishikawa et al.
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	A27	5868862	--	02/09/99	Douglas et al.
	A28	6140243	--	10/31/00	Wallace et al.
	A29	6149828	--	11/21/00	Vaartstra
	A30	5068040	--	11/26/91	Jackson
Examiner Signature				Date Considered	



FORM PTO 1449 US Department of Commerce  
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Examiner Name	Unknown
Attorney Docket Number	TEX1100

Sheet

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of

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FOREIGN PATENT DOCUMENT

Examiner Initials	Cite No.	Country Code	Number	Kind Code (if known)	Publication Date MM-DD-YYYY (Number 43)	Name of Patentee or Applicant of Cited Document
	B1	PCT	WO 01/33613	A2	05/10/01	Supercritical Systems, Inc.
	B2	PCT	WO 02/15251	A1	08/14/00	Tokyo Electron Limited
	B3	EP	0 397 826	B1	12/16/92	Hughes Aircraft Company
	B4	JP	60 192333	A	9/30/85	Hitachi Seisakusho

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Date
	C1	KING, et al., "The Mutual Solubilities of Water with Supercritical and Liquid Carbon Dioxide", The Journal of Supercritical Fluids, Volume 5, pages 296-302.	May 1992
	C2	PERRY, et al., "Chemical Engineers' Handbook", 5th Edition, pp. 21-11 to 21-14 (4 sheets).	1973
	C3	Phase Diagram for CO <sub>2</sub> as found at <a href="http://www.chem.uncc.edu/faculty/murphy/1252/Chapter11B/sldoo4.htm">http://www.chem.uncc.edu/faculty/murphy/1252/Chapter11B/sldoo4.htm</a>	February 7, 2002
	C4	Bruan, et al., "Photostrip faces 300 mm, copper and low-k convergence," 7 pages, Semiconductor International.	September 2000
	C5	Sundararajan, et al., "Block copolymers as supercritical CO <sub>2</sub> developable photoresists" Department of Materials Science and Engineering, pp. 130-131.	--
	C6	Rubin, et al., "A Comparison of Chilled DI Water/Ozone and CO <sub>2</sub> -Based Supercritical Fluids as Replacements for Photoresist-Stripping Solvents," International Electronics Manufacturing Technology Symposium, pp. 308-314.	January 1998
	C7	Gabor, et al., "Block and Random Copolymer Resist Designed for 193 nm Lithography and Environmentally Friendly Supercritical CO <sub>2</sub> Development," SPIE Vol. 2724, pp. 410-417.	June 1996
	C8	Wetmore, et al., "Supercritical Fluid Processing: A New Dry Technique for Photoresist Developing," SPIE Vol. 2438, pp. 694-703.	June 1995
Examiner Signature			Date Considered

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